3 Channel Personal FRS Radio

21-1866/1867 OWNER'S MANUAL — Please read before using this equipment.

Thank you for purchasing the 3 Channel Personal FRS Radio. FRS (Family Service Radio) is a license-free, two-way, short-range voice radio service that lets families and groups keep in touch with each other on specific reserved channels.

Use your lightweight radio to talk with another person who has a FRS radio set to the same frequency as your radio (462.5625 MHz, FRS Channel 1, 462.5875 MHz, FRS Channel 2, or 467.5625 MHz, FRS Channel 8).

Your radio has auto-squelch, which means you will not hear anything on a channel unless someone is transmitting nearby on the same channel. You can turn off auto-squelch to hear weaker, more distant transmissions. Your radio provides clear communication for up to about two miles.

PREPARATION

Installing Batteries

Your radio requires 4 AAA batteries (not supplied). For the best performance and longest life, we recommend RadioShack alkaline batteries. You can also use RadioShack rechargeable Ni-Cd batteries and recharge them using an optional charger.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (alkaline or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install batteries:

1. Rotate **Volume Switch** fully clockwise until it clicks to turn off the radio.
2. To remove the battery compartment cover, tear off the tape from it, then press the raised dots on the cover and slide it down.
3. Install the batteries according to the polarity symbols (+ and –) marked inside.
4. Replace the cover.

When the batteries weaken, the red indicator flashes, a tone sounds, the radio will not transmit or receive, and an error tone sounds whenever you press **PTT** or **CALL**. Replace the batteries.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the radio for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

Important: The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

Selecting a Channel

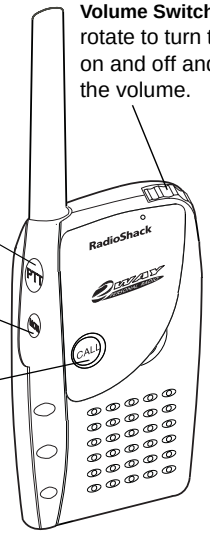
Slide **CH** at the back of the radio to 1, 2, or 8 to select the channel your radio transmits on.

OPERATION

PTT (Push To Talk) — press to transmit. The radio beeps once and the red indicator lights. Speak into the microphone, then release **PTT** at the end of your message.

Volume Switch — rotate to turn the radio on and off and adjust the volume.

MON (Monitor) — hold down to hear everything on a channel, even weak transmissions. Release **MON** to turn auto-squelch back on.



CALL — hold down to send a page to other FRS radios set to the same channel. The radio rings. After you hold down **CALL** for about 6 seconds, the ring stops.

Attaching the Belt Clip

To attach the supplied belt clip, slide the belt clip onto the tab at the back of the radio until it clicks. Then slide the clip over your belt. To remove the clip, pull up on the middle tab of the clip and slide the clip down.

Using an Optional Safety Chain

To use an optional safety chain (available at your local RadioShack store), clip the chain to the bar behind the volume switch.

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CARE

Keep the radio dry; if it gets wet, wipe it dry immediately. Use and store the radio only in normal temperature environments. Handle the radio carefully; do not drop it. Keep the radio away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your radio is not performing as it should, take it to your local RadioShack store for assistance.

FCC INFORMATION

Important: Do not open your radio to make any internal adjustments. Your radio is set up to transmit a regulated signal on one of three assigned frequencies. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by a qualified technician using the proper test equipment.

To be safe:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by:

- moving your radio away from the receiver
- calling your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using the radio.

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

SPECIFICATIONS

Channels	3: 1, 2 and 8
Frequency	462.5625, 462.5875, or 467.5625 MHz
Output Power	400 mW ERP
Power Supply	6 VDC (4 AAA Alkaline)
Battery Life	22 hours (alkaline)
Operation Temperature	–4 through 122 ° F (–20 through 50 °C)
Dimensions (HWD)	$3^{9}/_{16} \times 2^{13}/_{64} \times 1^{1}/_{64}$ inch (90.6 × 56 × 26 mm)
Weight	2.8 oz (79 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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RadioShack Corporation
Fort Worth, Texas 76102

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